

Cliff I Stains

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3911349/publications.pdf>

Version: 2024-02-01

44
papers

1,162
citations

430874

18
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Nebraska Red: a phosphinate-based near-infrared fluorophore scaffold for chemical biology applications. <i>Chemical Communications</i> , 2016, 52, 12290-12293.	4.1	112
2	Molecules that Target beta-amyloid. <i>ChemMedChem</i> , 2007, 2, 1674-1692.	3.2	106
3	Direct detection of double-stranded DNA: molecular methods and applications for DNA diagnostics. <i>Molecular BioSystems</i> , 2006, 2, 551.	2.9	95
4	DNA Sequence-Enabled Reassembly of the Green Fluorescent Protein. <i>Journal of the American Chemical Society</i> , 2005, 127, 10782-10783.	13.7	87
5	Site-Specific Detection of DNA Methylation Utilizing mCpG-SEER. <i>Journal of the American Chemical Society</i> , 2006, 128, 9761-9765.	13.7	78
6	A General and Rapid Cell-Free Approach for the Interrogation of Protein-Protein, Protein-DNA, and Protein-RNA Interactions and their Antagonists Utilizing Split-Protein Reporters. <i>Journal of the American Chemical Society</i> , 2008, 130, 6488-6497.	13.7	65
7	Split β -Lactamase Sensor for the Sequence-Specific Detection of DNA Methylation. <i>Analytical Chemistry</i> , 2007, 79, 6702-6708.	6.5	53
8	Chemoselective Alteration of Fluorophore Scaffolds as a Strategy for the Development of Ratiometric Chemodosimeters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4197-4200.	13.8	51
9	Inhibition of β -Amyloid Fibrillization by Directed Evolution of a β -Sheet Presenting Miniature Protein. <i>Journal of the American Chemical Society</i> , 2006, 128, 14456-14457.	13.7	45
10	Self-Assembling NanoLuc Luciferase Fragments as Probes for Protein Aggregation in Living Cells. <i>ACS Chemical Biology</i> , 2016, 11, 132-138.	3.4	45
11	Identification of fluoxetine as a direct NLRP3 inhibitor to treat atrophic macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	41
12	Toward a General Approach for RNA-Templated Hierarchical Assembly of Split-Proteins. <i>Journal of the American Chemical Society</i> , 2010, 132, 11692-11701.	13.7	39
13	The 8-Silyloxyquinoline Scaffold as a Versatile Platform for the Sensitive Detection of Aqueous Fluoride. <i>Analytical Chemistry</i> , 2015, 87, 4081-4086.	6.5	36
14	Interrogating Signaling Nodes Involved in Cellular Transformations Using Kinase Activity Probes. <i>Chemistry and Biology</i> , 2012, 19, 210-217.	6.0	35
15	A p38 β -Selective Chemosensor for use in Unfractionated Cell Lysates. <i>ACS Chemical Biology</i> , 2011, 6, 101-105.	3.4	32
16	Phosphinate-containing rhodol and fluorescein scaffolds for the development of bioprobes. <i>Chemical Communications</i> , 2019, 55, 5962-5965.	4.1	30
17	A General Approach for Receptor and Antibody-Targeted Detection of Native Proteins Utilizing Split-Luciferase Reassembly. <i>ACS Chemical Biology</i> , 2010, 5, 943-952.	3.4	29
18	Interrogating Endogenous Protein Phosphatase Activity with Rationally Designed Chemosensors. <i>ACS Chemical Biology</i> , 2016, 11, 284-290.	3.4	27

#	ARTICLE	IF	CITATIONS
19	Interrogating Protein Phosphatases with Chemical Activity Probes. <i>Chemistry - A European Journal</i> , 2018, 24, 7810-7824.	3.3	14
20	Quantification of Protein Kinase Enzymatic Activity in Unfractionated Cell Lysates Using CSoxâ€Based Sensors. <i>Current Protocols in Chemical Biology</i> , 2014, 6, 135-156.	1.7	14
21	Imaging GPCR internalization using near-infrared Nebraska red-based reagents. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2459-2467.	2.8	13
22	A real-time, fluorescence-based assay for Rho-associated protein kinase activity. <i>Analytica Chimica Acta</i> , 2015, 891, 284-290.	5.4	12
23	Temporal Analysis of PP2A Phosphatase Activity During Insulin Stimulation Using a Direct Activity Probe. <i>ACS Chemical Biology</i> , 2016, 11, 3284-3288.	3.4	11
24	A Phosphinateâ€Containing Fluorophore Capable of Selectively Inducing Apoptosis in Cancer Cells. <i>ChemBioChem</i> , 2019, 20, 1712-1716.	2.6	11
25	Systematic evaluation of split-fluorescent proteins for the direct detection of native and methylated DNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3748-3751.	2.2	10
26	Design and evaluation of a real-time activity probe for focal adhesion kinase. <i>Analytica Chimica Acta</i> , 2015, 897, 62-68.	5.4	10
27	Chemoselective Alteration of Fluorophore Scaffolds as a Strategy for the Development of Ratiometric Chemodosimeters. <i>Angewandte Chemie</i> , 2017, 129, 4261-4264.	2.0	8
28	Design, synthesis, and evaluation of a selective chemosensor for leucine-rich repeat kinase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5648-5651.	2.2	7
29	Utilizing split-NanoLuc luciferase fragments as luminescent probes for protein solubility in living cells. <i>Methods in Enzymology</i> , 2019, 622, 55-66.	1.0	7
30	When Conjugated Polymers Meet Amyloid Fibrils. <i>ACS Chemical Biology</i> , 2007, 2, 525-528.	3.4	6
31	Supramolecular Assembly of an Evolved Miniprotein Host and Fluorogenic Guest Pair. <i>Journal of the American Chemical Society</i> , 2015, 137, 14252-14255.	13.7	4
32	Luminescent platforms for monitoring changes in the solubility of amylin and huntingtin in living cells. <i>Molecular BioSystems</i> , 2016, 12, 2984-2987.	2.9	4
33	Heteroatomâ€Substituted Xanthene Fluorophores Enter the Shortwaveâ€Infrared Region ^{â€}. <i>Photochemistry and Photobiology</i> , 2022, 98, 400-403.	2.5	4
34	A Panel of Protein Kinase Chemosensors Distinguishes Different Types of Fatty Liver Disease. <i>Biochemistry</i> , 2019, 58, 3911-3917.	2.5	3
35	A fluorescent probe for monitoring PTP-PEST enzymatic activity. <i>Analyst, The</i> , 2020, 145, 6713-6718.	3.5	3
36	A luminescence-based assay for monitoring changes in alpha-synuclein aggregation in living cells. <i>RSC Advances</i> , 2020, 10, 16675-16678.	3.6	3

#	ARTICLE	IF	CITATIONS
37	An improved miniprotein host for fluorogenic supramolecular assembly on the surface of living cells. RSC Advances, 2016, 6, 20381-20385.	3.6	2
38	Identification of a fragmented small GTPase capable of conditional effector binding. RSC Advances, 2017, 7, 12265-12268.	3.6	2
39	Design and synthesis of fluorescent activity probes for protein phosphatases. Methods in Enzymology, 2019, 622, 29-53.	1.0	2
40	A Luminescence-Based System for Identification of Genetically Encodable Inhibitors of Protein Aggregation. ACS Omega, 2020, 5, 12974-12978.	3.5	2
41	Synthesis and application of a ratiometric probe for hydrogen peroxide. Methods in Enzymology, 2020, 639, 23-36.	1.0	2
42	Quantification of Cell Signaling Networks Using Kinase Activity Chemosensors. Methods in Molecular Biology, 2017, 1636, 61-70.	0.9	2
43	Frontispiece: Interrogating Protein Phosphatases with Chemical Activity Probes. Chemistry - A European Journal, 2018, 24, .	3.3	0
44	An Evolutionary Strategy for Identification of Higher Order, Green Fluorescent Host-Guest Pairs Compatible with Living Systems. Chemistry - A European Journal, 2020, 26, 16721-16726.	3.3	0